



Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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For the week ending July 28, 2013

COTTON CROP DEVELOPMENT OVER TWO WEEKS BEHIND NORMAL

The cotton crop, at week's end, remained rated in mostly good-to-excellent condition, despite development being over two weeks behind schedule. Cotton's slow development this season can be mostly attributed to cool, wet, weather conditions. All other major crops remained in mostly good-to-excellent condition. Pastures are in good-to-excellent condition, with rapid growth reported. There were also some crop acres flooded in low-lying areas. Other activities this past week included scouting for insects and diseases, hay harvest, and topping tobacco.

There were 4.5 days suitable for field work this past week. Topsoil moisture levels were rated 6 percent short, 84 percent adequate and 10 percent surplus. Subsoil moisture levels were rated 5 percent short, 88 percent adequate and 7 percent surplus. Temperatures averaged 2 to 5 degrees below normal across the state last week. Precipitation averaged 0.38 to 1 inch below normal across middle and east Tennessee and the Plateau and 1.6 inches above normal across west Tennessee.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2012	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn - Silking or Beyond	92	85	99	97	Corn	0	2	12	56	30
Corn - Dough or Beyond	56	43	86	67	Cotton	1	4	20	55	20
Corn - Dent or Beyond	13	6	51	27	Pasture	0	2	15	66	17
Cotton - Squaring	77	68	96	97	Soybeans	1	3	14	56	26
Cotton - Setting Bolls	20	14	68	67	Tobacco	5	8	22	51	14
Soybeans - Blooming	41	27	83	74						
Soybeans - Setting Pods	19	9	57	46						
Tobacco - Topped	29	16	47	36						

County Agent Comments

The farmers received more rain early in the week and this weekend. Conditions were too wet most of the week for farming activities. Rain moved back in by the weekend. Temperatures cooled down this week as well.

Jeffery Via, Fayette County

Crops and pastures really benefited from the 2 inches of rain received this week. The only negative concerning the weekly rain events are the pigweed flushes that follow.

Walter Battle, Haywood County

The county received another half inch of rain this week. Some fungicides are being applied to corn. Pastures are in good shape for this time of year.

Kevin Rose, Giles County

Spotty rains have led to some parts of the county starting to need some additional moisture. For the large part of the county, there continues to be adequate moisture, but even these parts may start showing some problems without rain in the coming week. Cooler temperatures have caused peaches to slow their ripening.

Ricky Skillington, Marshall County

Showers are making it hard to get hay up. They have been good on most crops except when the ground gets saturated. This has hurt corn and soybeans in some places and probably has hurt yields. Farmers are not complaining about the rain because we remember the dry years when nothing would grow.

Larry Moorehead, Moore County

Once again, the week starts off wet with weather monitors collecting between 0.5 to 1.6 inches of rain between Sunday and Wednesday, with 1.0 to 1.5 inches being the most common total reported. Farmers were busy applying herbicides to double crop beans and a few started applying fungicides to early maturing single crop beans. With drier conditions prevailing for the second half of the week, a number of hay producers took advantage to harvest a second cutting.

Ed Burns, Franklin County

We're running about 15-20% damage in corn and soybeans due to excessive water, and more like 25% at present in tobacco. Most burly producers predict a very light yield in their crop due to water damage. What was not killed is going to be short and light.

Scott Chadwell, Putnam County

With a few more rain-free days, producers were busy planting and re-planting soybeans. Water is still standing in a few low-lying fields of corn and soybeans. Second-cutting hay is underway. Kudzu bugs have been confirmed in a few soybean fields, and producers are monitoring populations.

John Wilson, Blount County

We still have first cutting hay still standing in the fields. We have not had enough dry days in a row for harvest of all our first cutting of hay.

Mike Heiskell, Claiborne County

TEMPERATURES AND PRECIPITATION
 For week ending: July 28, 2013 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending July 28, 2013				Current Week 07/28/13	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	91	60	76	-4	2.31	4	40.87	8.97	22.02	3.89
Brownsville_TN	91	62	77	-4	1.52	3	42.50	10.58	25.85	7.73
Covington	90	60	75	-6	3.52	2	43.58	12.06	27.13	9.29
Dyersburg	91	61	76	-5	5.19	3	42.60	12.39	27.81	10.42
Huntingdon_Wate	89	60	75	-5	1.68	4	50.87	19.17	31.56	13.62
Jackson_Exp_Stn	93	60	75	-5	3.71	3	46.47	14.65	28.64	10.10
Lexington_TN	91	60	75	-5	1.78	3	42.04	11.17	24.44	6.76
Martin	87	59	75	-5	2.76	3	43.39	11.50	27.39	8.74
Memphis_AG	92	62	77	-7	3.11	4	46.82	15.89	28.59	11.15
Milan	89	60	75	-4	1.83	4	48.27	15.71	31.33	12.39
Paris	88	57	73	-5	1.78	4	45.56	14.68	29.30	11.93
Savannah_6SW	91	60	75	-6	0.73	4	36.73	2.06	20.66	1.45
Selmer	90	60	75	-4	1.36	3	35.72	1.24	17.42	-1.82
Union_City	88	59	75	-4	2.36	3	36.24	5.15	22.46	4.55
Middle										
Clarksville_Sew	92	57	76	-4	1.13	2	39.18	9.12	22.63	6.22
Cookeville	85	58	73	-4	1.51	3	39.42	5.29	24.98	5.88
Crossville_AP	82	57	72	-2	1.27	3	42.71	8.99	27.72	9.02
Dickson_AG	85	58	73	-5	0.65	1	35.55	3.12	19.43	1.01
Dover_1W	89	57	74	-4	3.36	4	49.37	17.98	31.09	13.60
Fayetteville_TN	88	61	76	-2	0.25	2	42.24	9.33	26.00	8.37
Jamestown	83	56	71	-3	1.19	3	42.16	9.37	27.10	8.15
Kingston_Spring	89	58	75	-4	1.65	4	31.85	0.96	18.12	1.20
Lewisburg	90	59	75	-4	0.97	3	39.96	6.45	26.09	7.16
Livingston_WLIV	85	58	73	-4	1.19	4	40.32	8.66	24.00	5.86
Lobelville	87	59	74	-5	2.70	3	39.69	5.98	21.46	2.74
Murfreesboro_5N	86	59	74	-5	0.92	4	40.00	8.13	24.97	6.88
Nashville_Metro	92	62	77	-3	0.52	4	35.14	6.47	21.26	4.83
Oneida	84	58	72	-2	0.68	2	39.25	6.28	24.79	5.69
Portland_TN	88	57	74	-4	1.35	4	38.44	7.20	24.11	6.17
Pulaski_Water_P	87	61	74	-6	0.88	2	41.68	8.42	24.43	6.56
Shelbyville	87	62	76	-4	0.30	2	41.26	7.87	27.44	8.93
Sparta_TN	87	57	74	-2	0.34	4	41.18	7.92	25.72	7.03
Springfield	87	57	73	-5	1.77	4	42.61	12.53	28.38	11.17
Springhill	90	57	74	-5	1.00	2	34.64	1.18	20.52	1.67
Tullahoma	86	63	76	-2	0.47	2	47.90	13.34	33.98	15.39
Waynesboro_TN	87	58	73	-5	1.50	3	36.17	0.96	19.89	0.45
East										
Chattanooga/Lov	89	65	78	-1	0.36	4	47.05	14.69	29.02	12.39
Cleveland_6NNE	85	62	75	-3	0.68	6	44.81	11.50	27.51	9.76
Dayton	87	60	75	-3	2.40	5	49.10	15.41	32.37	14.70
Erwin_1W	87	58	73	0	1.96	5	38.71	8.74	23.96	5.50
Gatlinburg_2SW	82	58	71	-3	3.04	4	52.05	17.74	30.74	10.37
Greeneville	87	58	74	-2	3.21	6	45.84	19.59	29.01	13.45
Kingston_AG	88	61	75	-1	0.87	2	44.76	9.44	27.40	8.16
Knoxville_AP	87	63	76	-2	1.30	5	47.54	18.12	27.16	11.06
Newcomb	84	59	73	-1	1.60	4	40.39	7.42	24.97	5.87
Norris_4NE	84	58	73	-3	2.63	4	43.43	11.68	26.35	8.49
Tri-City_RGNL_A	87	57	75	0	0.84	6	39.94	14.95	23.74	9.12

DFN = Departure from Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) measured in inches.

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